

Pentium® II Processor-Low Power Development Kit

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Product Highlights

Evaluation Board

- On-Board Post Code Debugger (Port 80)
- Memory:
 - 32 MB SDRAM
 - 2 Slots
- Flash System BIOS ROM
- 82371AB PCI to ISA/IDE Xcelerator (PIIX4E)

Included Hardware

- 3.2-Gbyte hard disk drive pre-loaded with the QNX Real Time Operating System*
- PCI video graphics adapter using the CHIPS 69000 HiQVideo™ Accelerator

Board Peripheral Features

- SMC FDC37B8X Super I/O w/ Integrated Keyboard Controller and RTC
- Support for 2 IDE Interface
- Support for Floppy Drive

User Accessible On-Board Connectors

- Two Serial RS-232 Ports; COM1, COM2
- Supports PS/2 Keyboard and PS/2 Mouse (6-pin mini-DIN)
- 1 AGP slot
- Standard ATX Power Supply Connector
- One EPP/ECP Parallel Port (DSUB 25)
- 3 Standard PCI Expansion Slots
- 2 ISA Expansion Slots
- 2-USB Ports



Description

The Pentium® II Processor-Low Power Development Kit is designed for use for Applied Computing applications. Applied Computing refers to market segments consisting of systems designed and marketed to be connected, high-performance, dedicated applications that enhance business information systems on the Internet/intranet. The kit is intended for use with processors based on the 440BX AGPset. The development kit has a modular design that may allow it to be used with future additions of the Pentium® II processor to the embedded product family roadmap. The development kit consists of an evaluation board, an interposer board for the processor, technical collateral and demonstration software designed to work in different application development environments. This kit enables simpler hardware designs and can accelerate the product design cycle.

Software Overview

The kit includes an assortment of application development environments. The software applications in the kit are demonstration copies provided *free of charge* by the vendors. The software is licensed for evaluation purposes only. Some vendors require customers to call and register to obtain a temporary license key in order to activate the software. Some of the features and documentation are available only when you purchase the full production product and may not be found in the demonstration copies contained in the kit. Software in the kit is subject to change without notice. Please contact the vendors directly for specific details pertaining to revision changes.

Evaluation Software

Real Time Operating System	QNX RTOS & Photon micro-GUI* windowing system
Real Time OS Extensions to Windows* NT	VenturCom RTX* with Component Integrator*
Real Time OS Extensions to Windows* CE	Annasoft Systems* CE Launcher

(1) Note: For O/S Extensions to Windows*, customers must have their own licensed copy of Windows.

Supported Processor Key Features

Pentium® II Processor-Low Power Module @ 266 MHz

- 66 MHz BUS
- 512K L2 External Cache
- AGP support
- Uni processor support
- Up to 512 MB of DRAM supported
- 440BX AGPsets

Pentium® II Processor-Low Power Module @ 333 MHz

- 66 MHz BUS
- 256K L2 on-die cache
- AGP support
- Uni processor support
- Up to 512 MB of DRAM supported
- 440BX AGPsets

Product Order Code

EMDMOD266DEVKIT	Pentium II Processor-Low Power Module @ 266 MHz
EMDMOD333DEVKIT	Pentium II Processor-Low Power Module @ 333 MHz

Intel Access

Developer's Site	http://developer.intel.com/
Embedded Intel Architecture Home Page	http://developer.intel.com/design/intarch/
Other Intel Support: Intel Literature Center	http://developer.intel.com/design/litcentr/ (800) 548-4725 7 a.m. to 7 p.m. CST (U.S. and Canada) International locations please contact your local sales office.
General Information Hotline	(800) 628-8686 or (916) 356-3104 5 a.m. to 5 p.m. PST

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